

FIG. 1

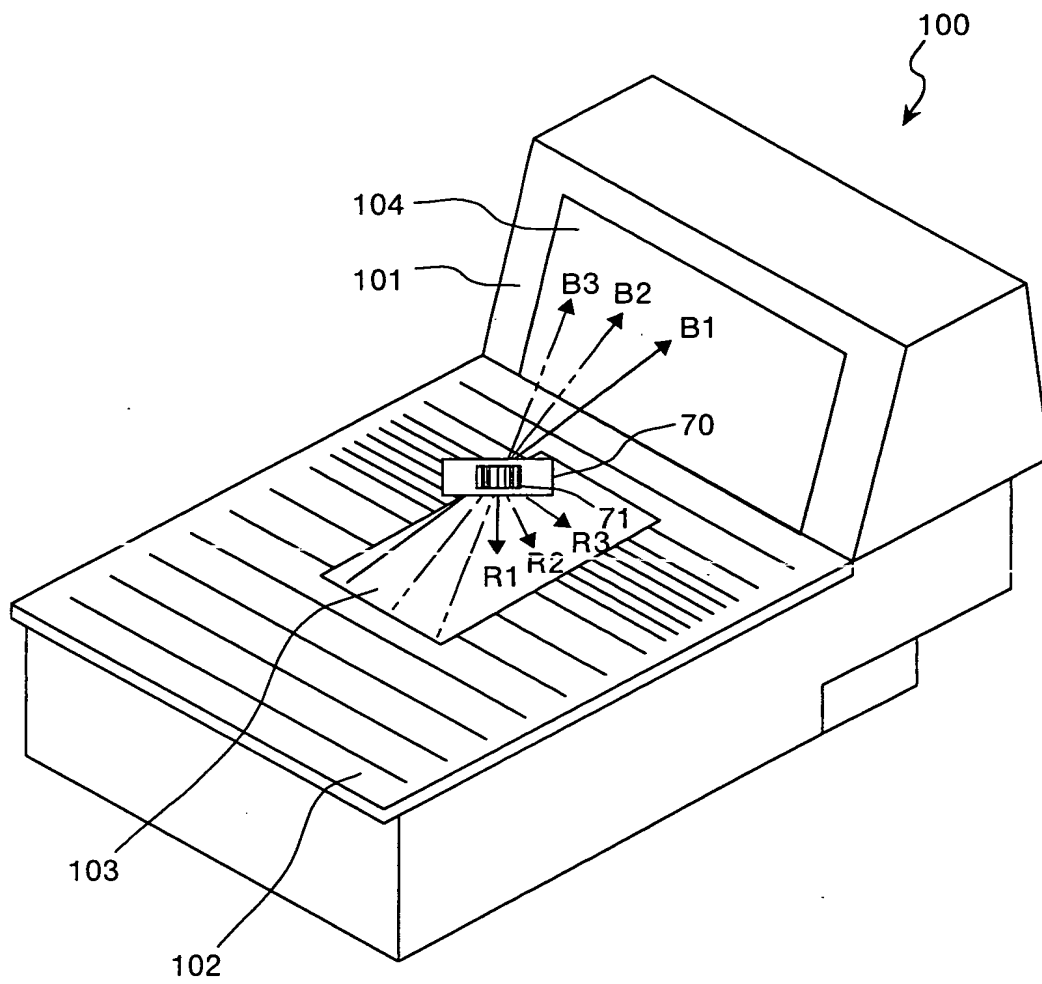


FIG.2

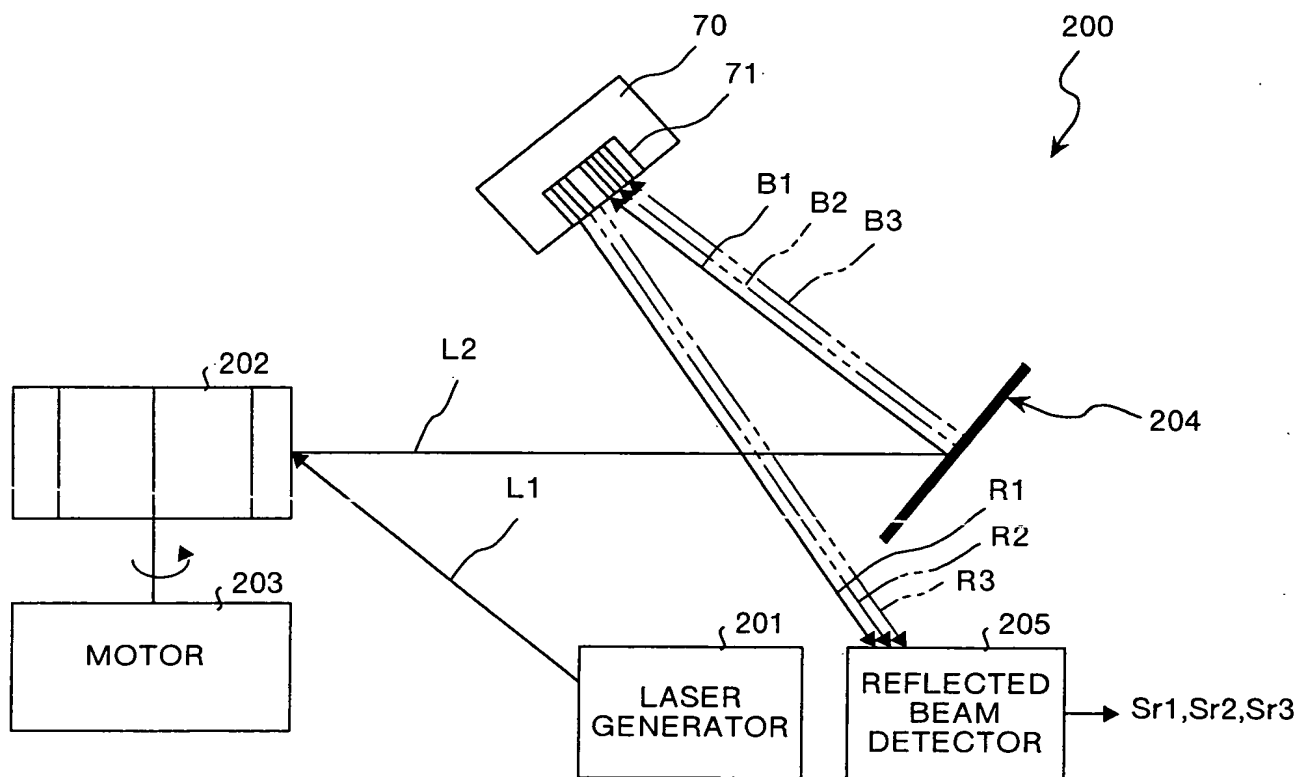


FIG.3

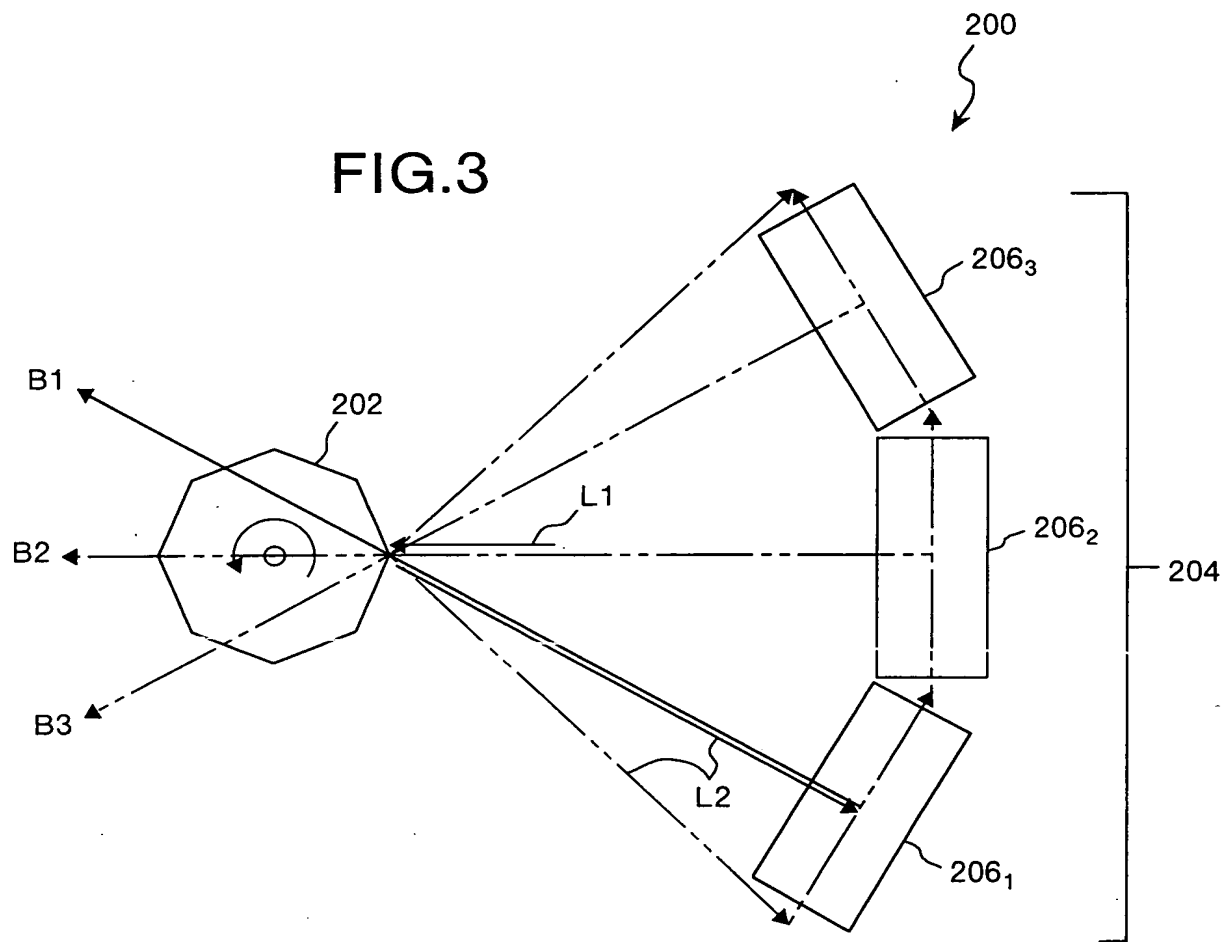


FIG.4

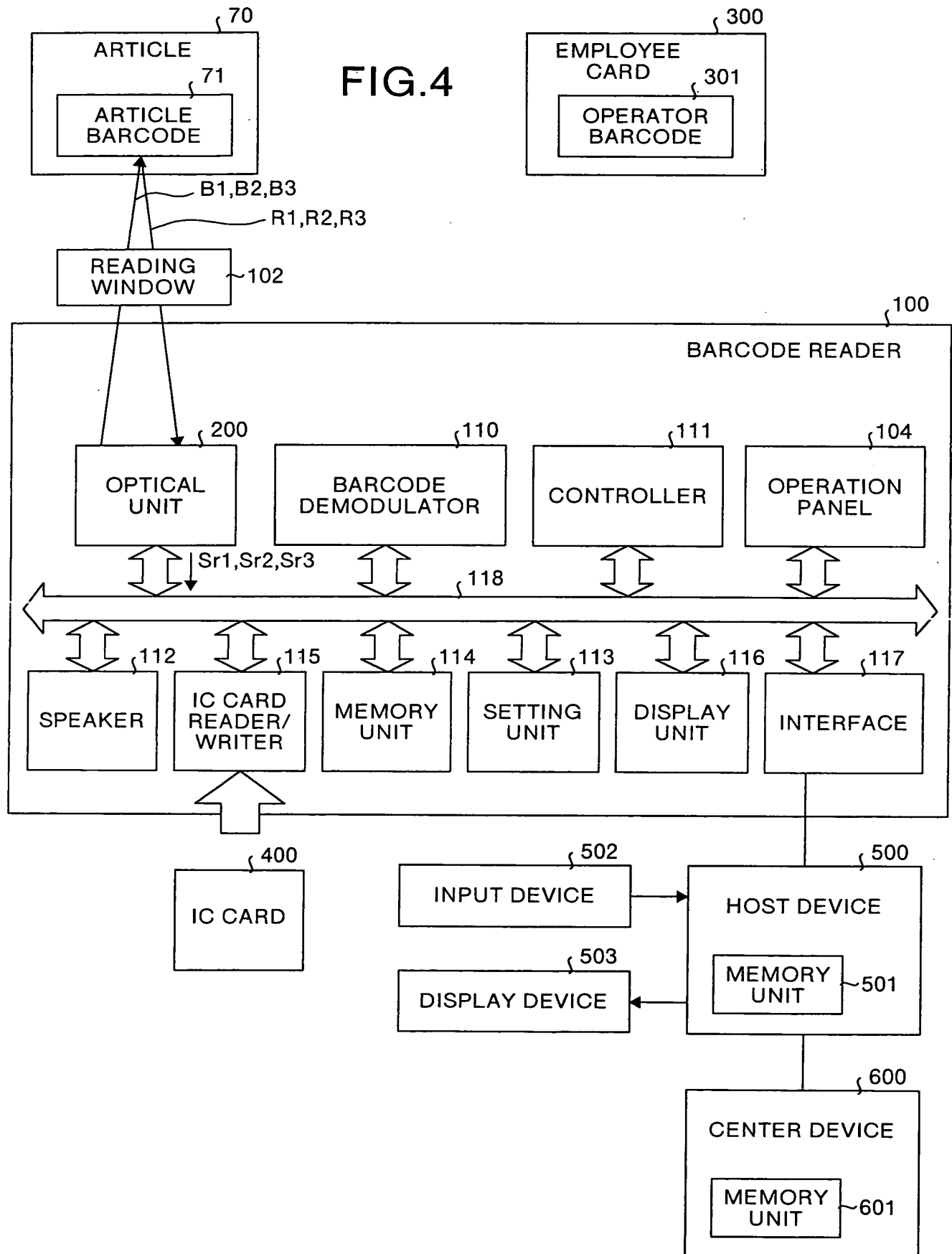


FIG.5

700

OPERATION INTERVAL	READING TIME	DOUBLE READ BAN TIME	VOLUME	TONE	
1.5sec	0.75sec	0.75sec	3	C	

FIG.6

OPERATOR ID	OPERATOR NAME	OPERATION INTERVAL	READING TIME	DOUBLE READ BAN TIME	VOLUME	TONE
001	TARO YAMADA	1.23sec	0.6sec	0.63sec	5	A
002	SHINICHI SUZUKI	1.00sec	0.45sec	0.55sec	2	D

800

FIG.7

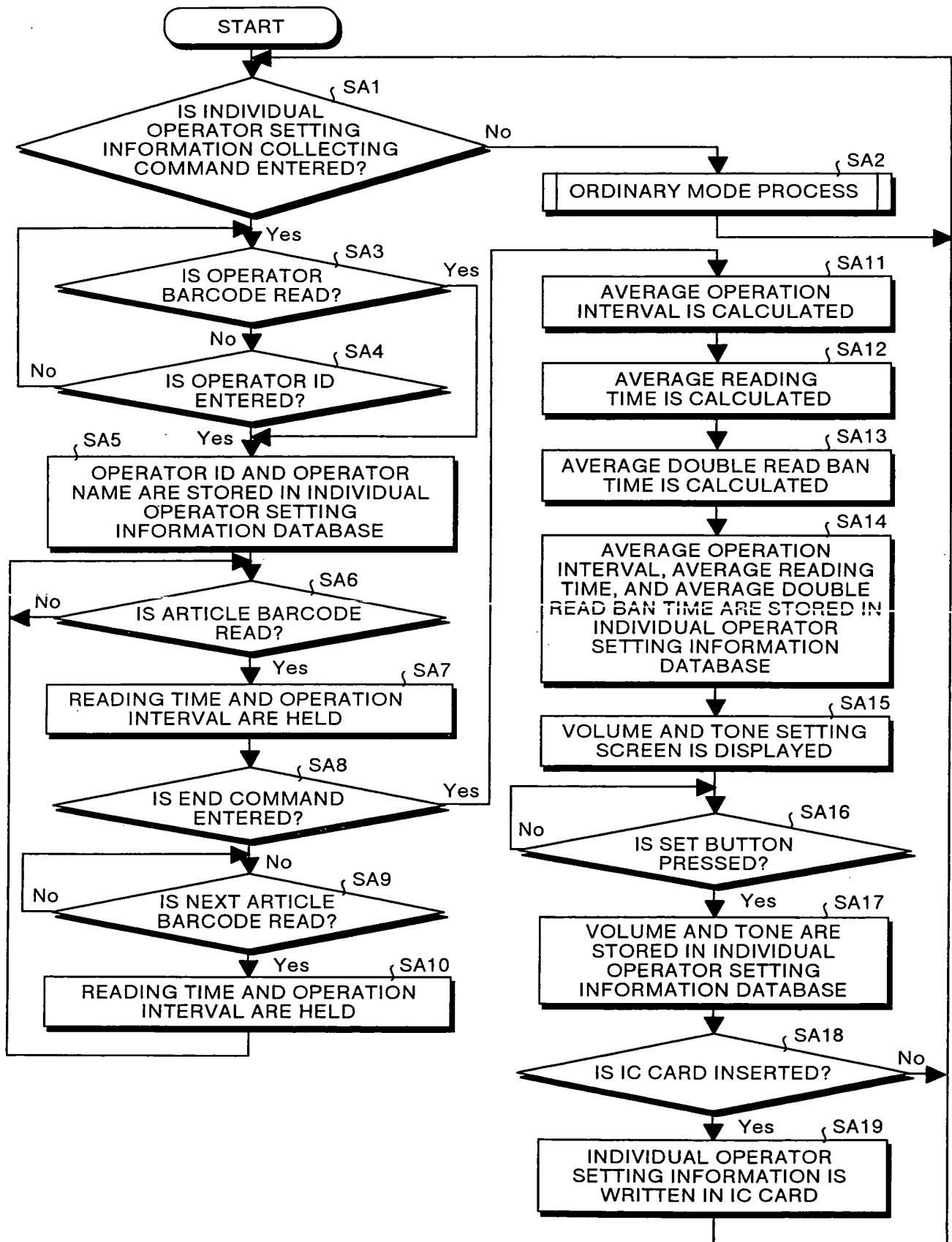


FIG.8

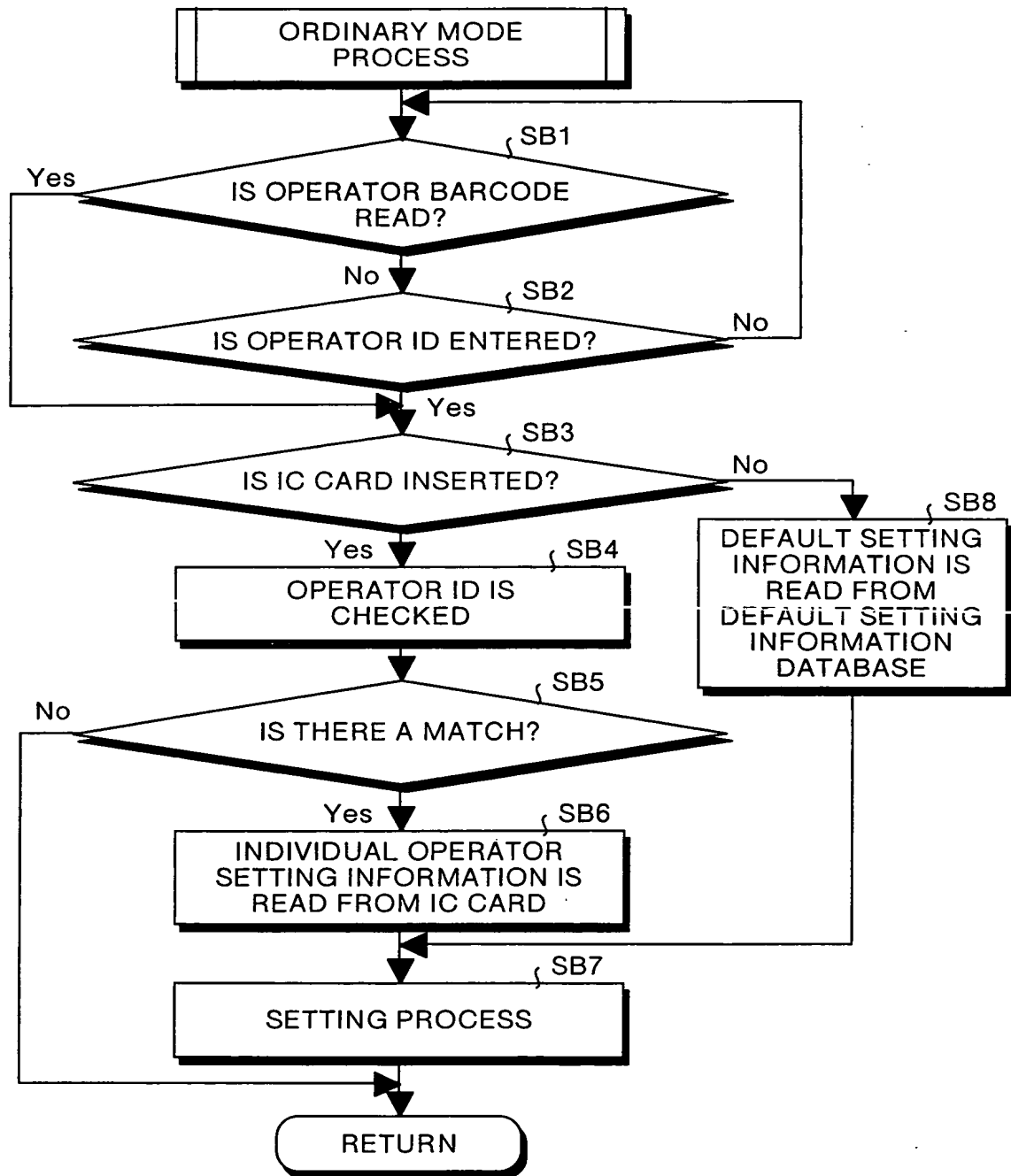


FIG.9

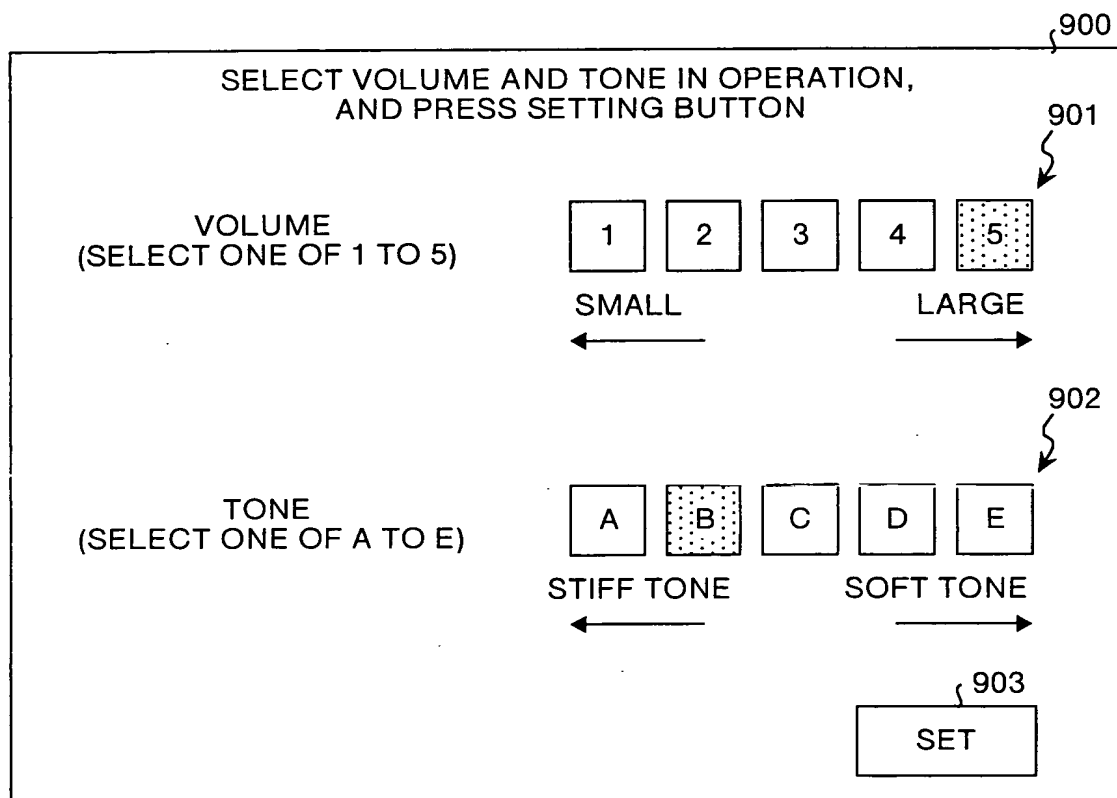


FIG. 10

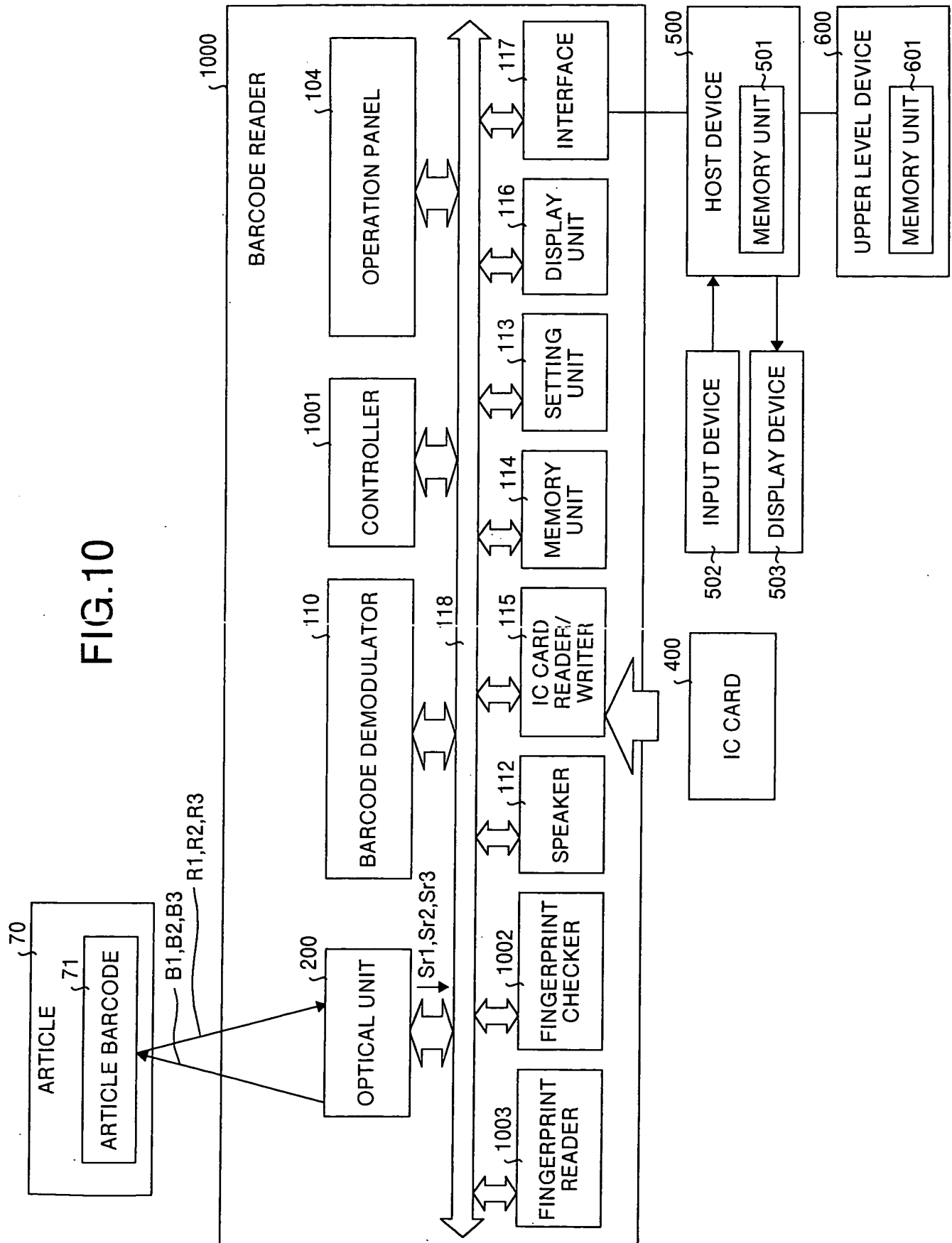


FIG.11

1100

OPERATOR ID	OPERATOR NAME	OPERATION INTERVAL	READING TIME	DOUBLE READ BAN TIME	VOLUME	tone	FINGERPRINT FILE
001	TARO YAMADA	1.23sec	0.6sec	0.63sec	5	A	001.bmp
002	SHINICHI SUZUKI	1.00sec	0.45sec	0.55sec	2	D	002.bmp

FIG.12

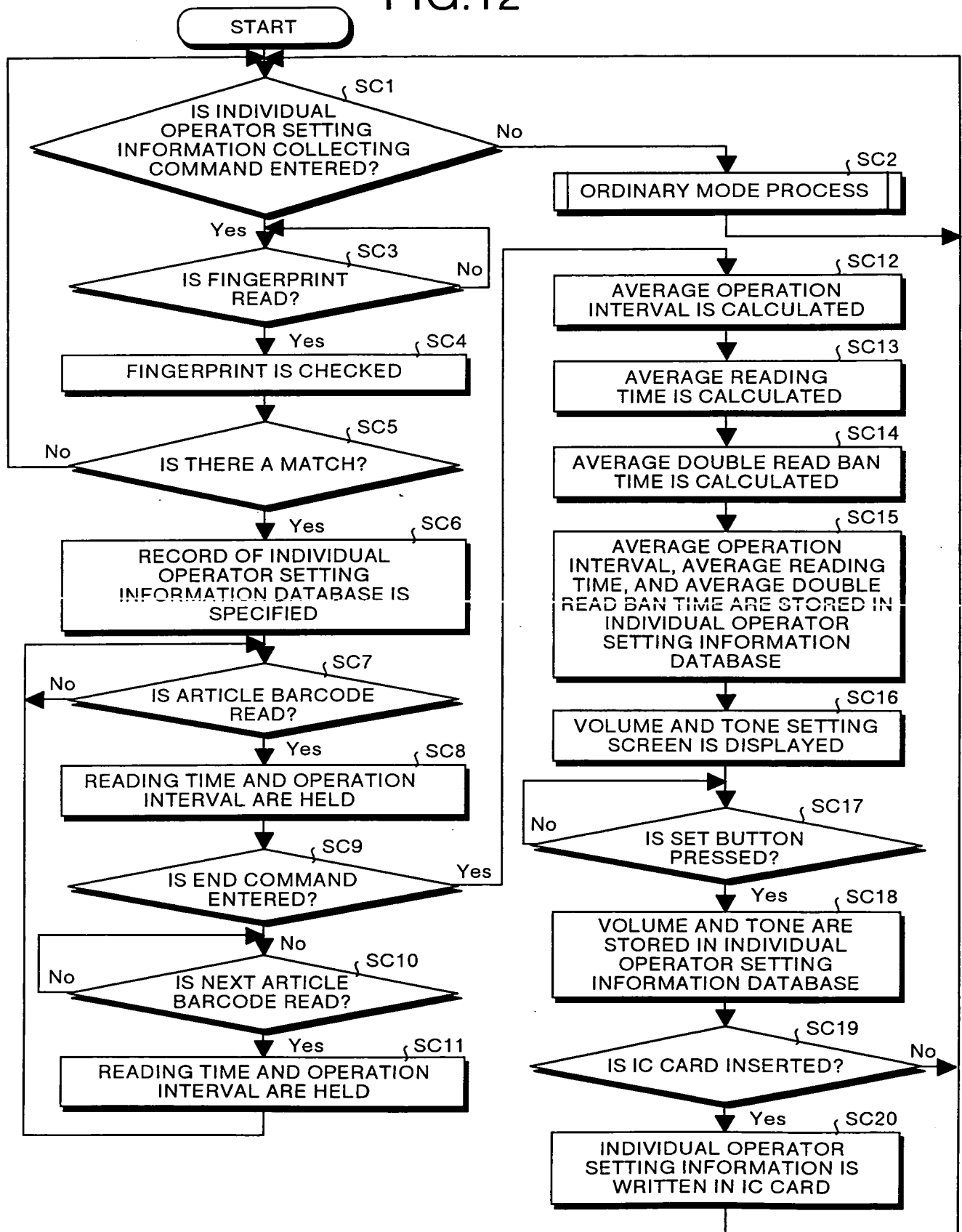


FIG.13

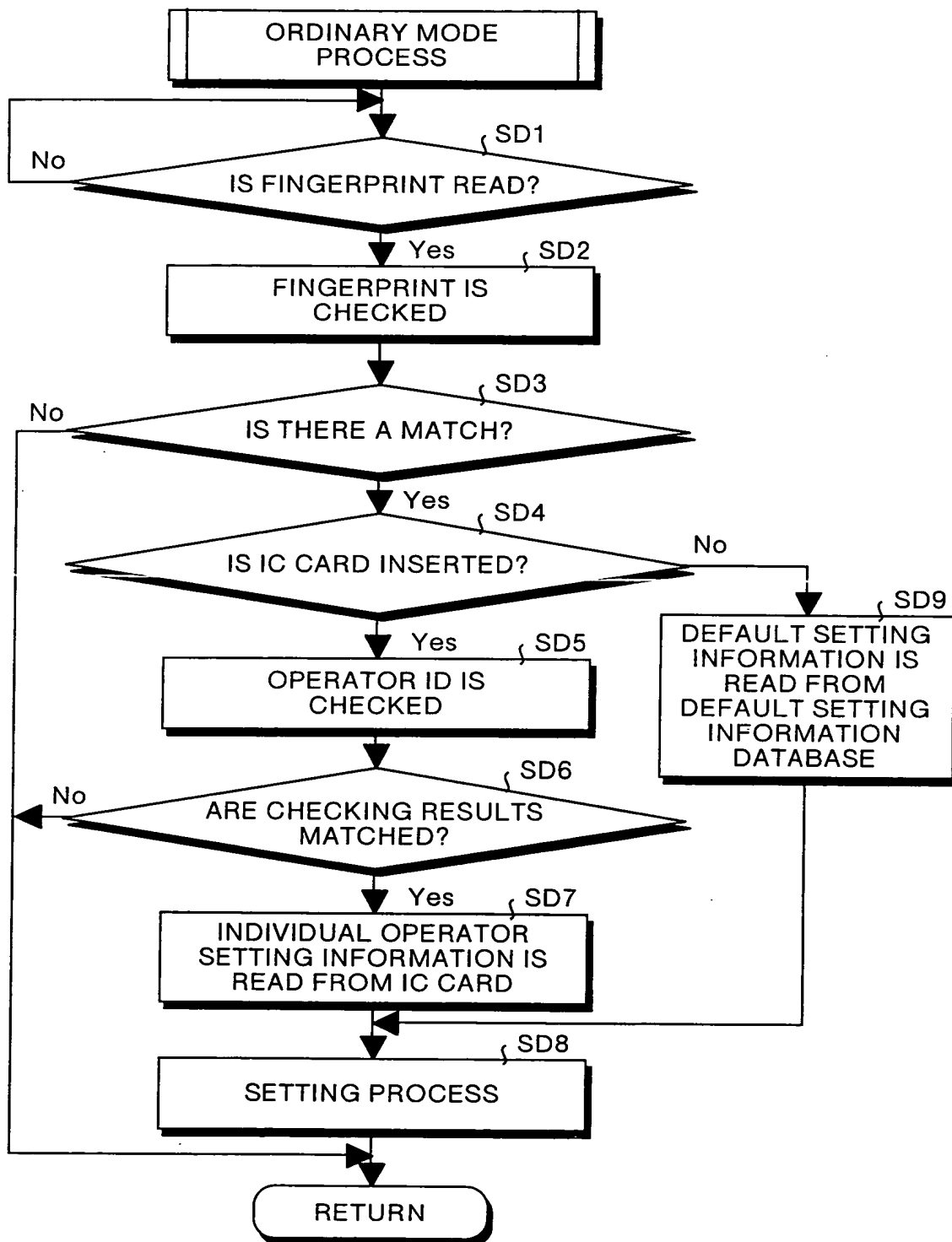


FIG.14

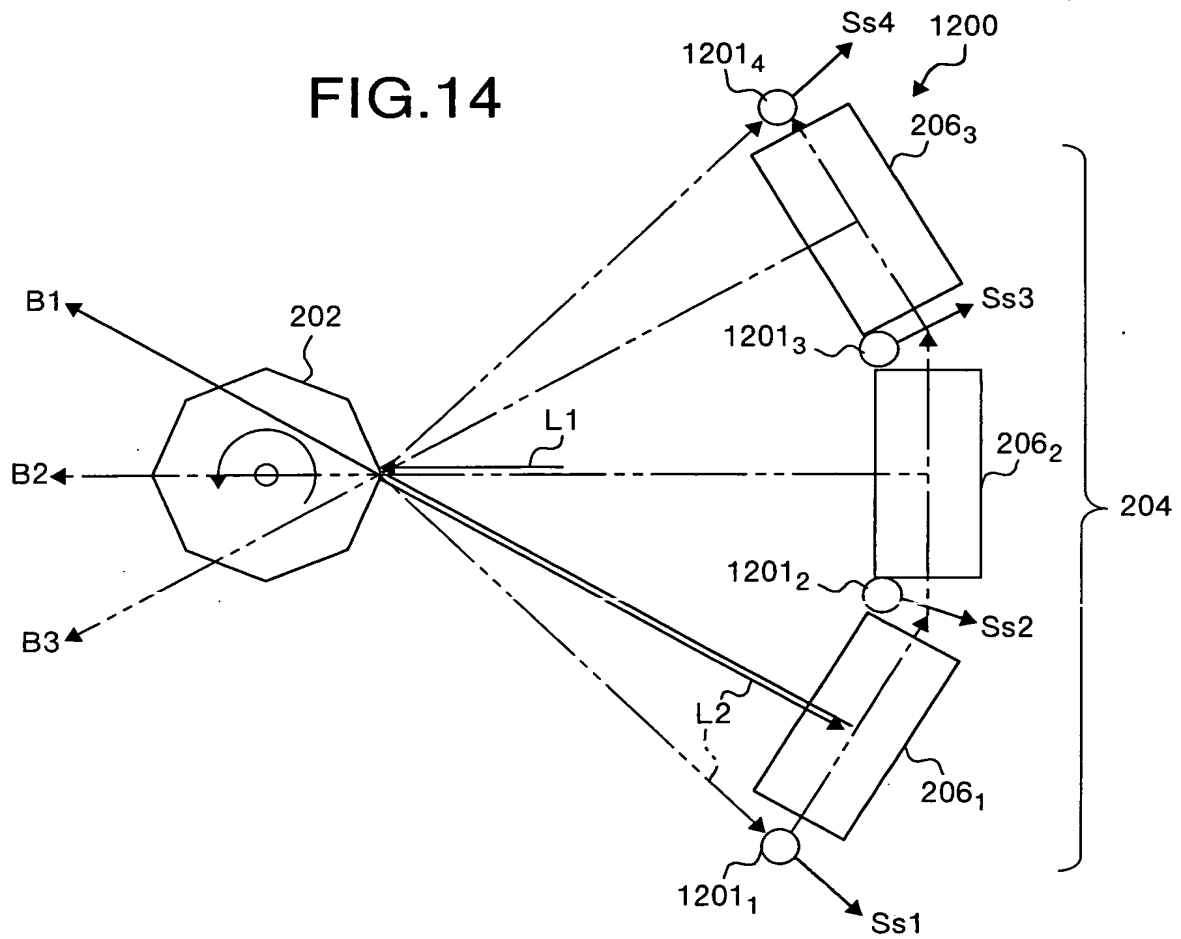


FIG.15

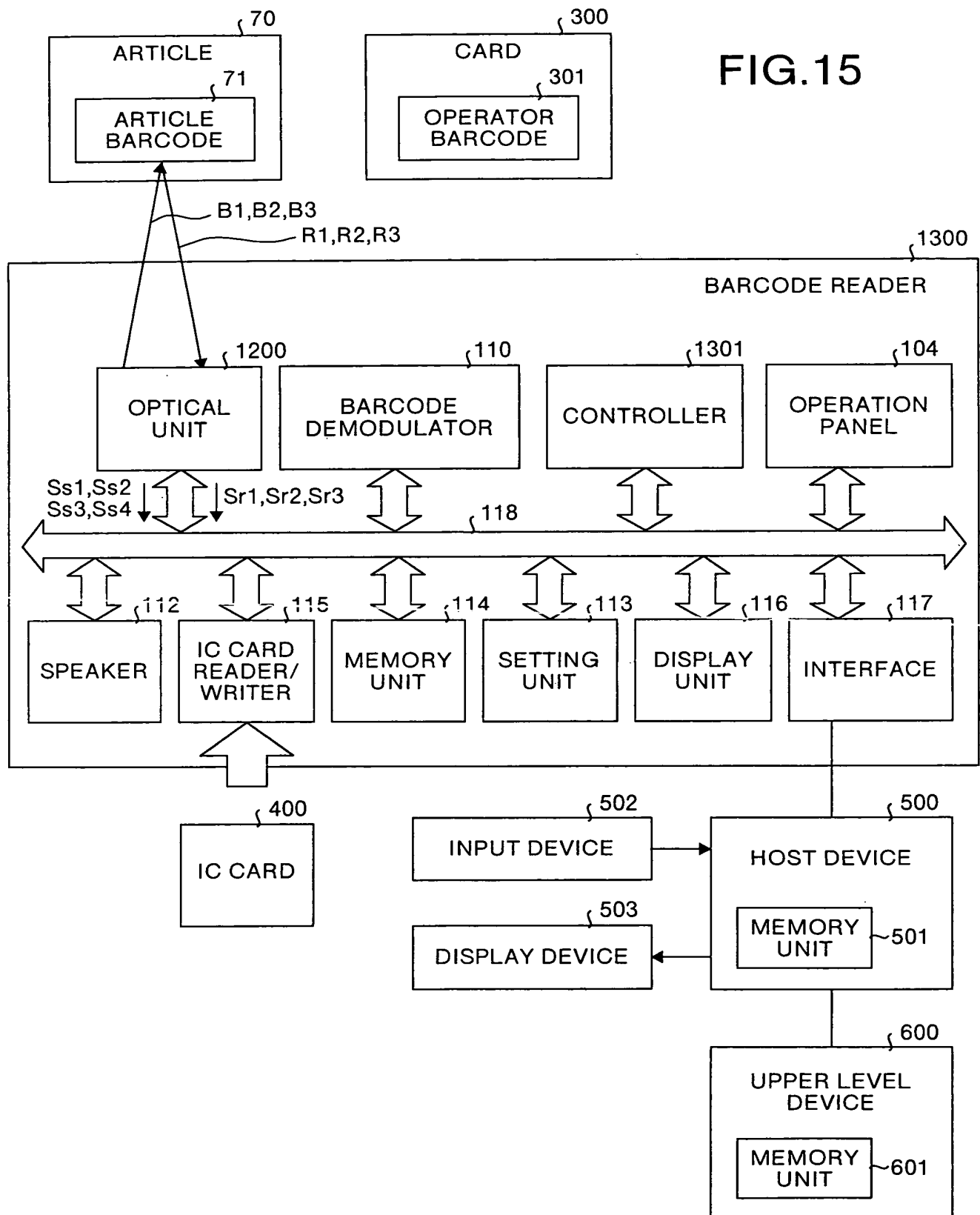


FIG.16

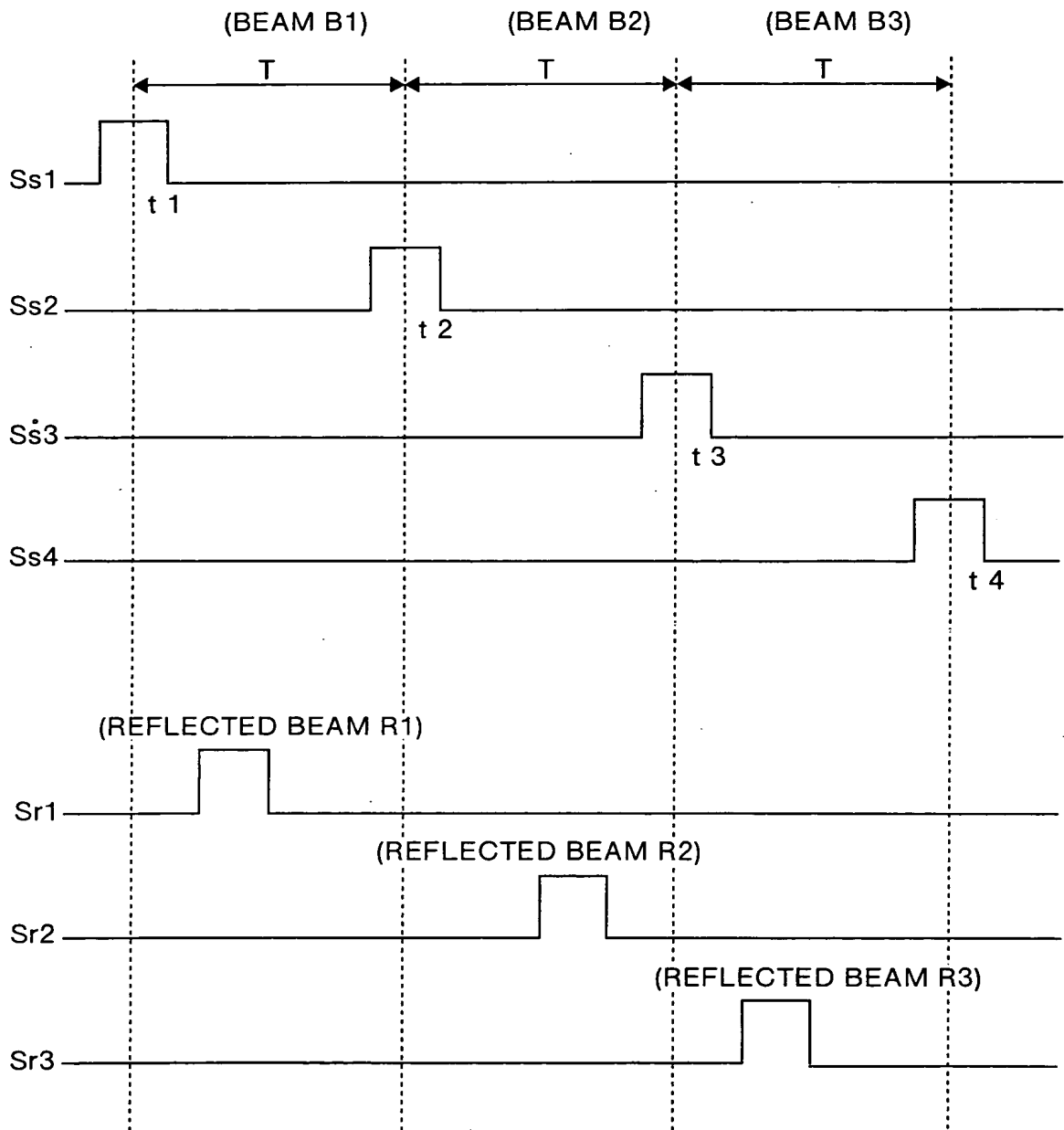
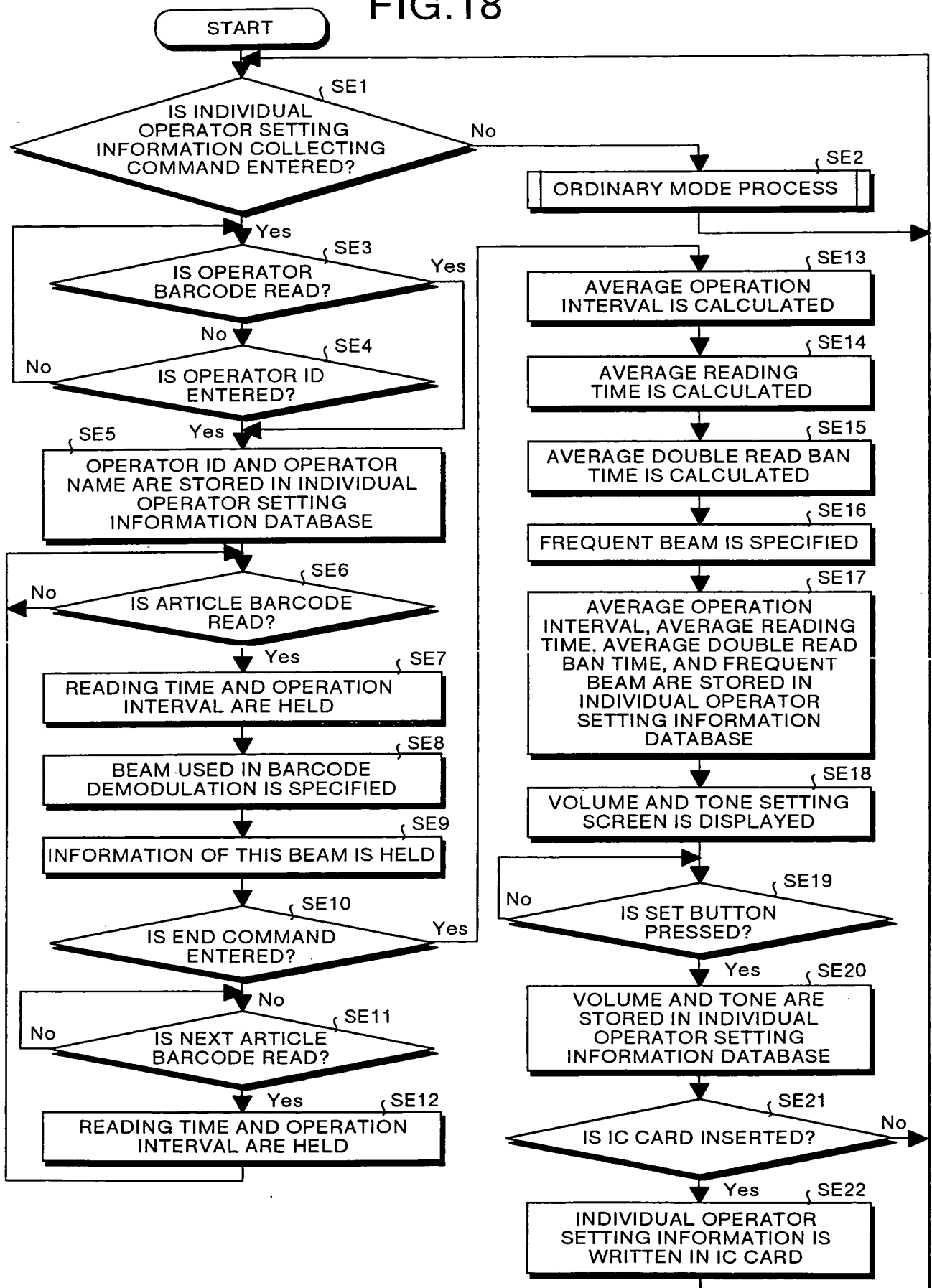


FIG.17

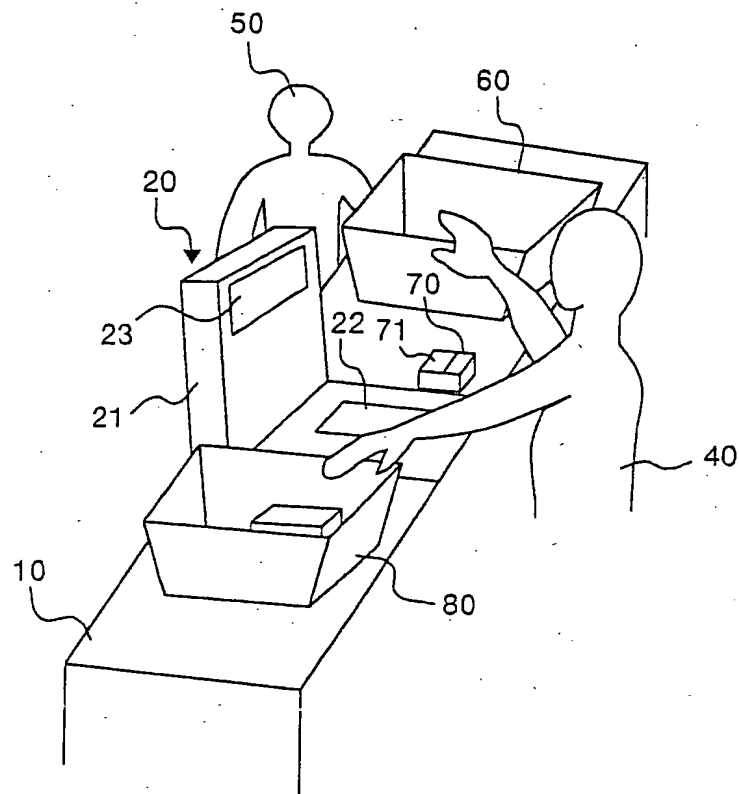
OPERATOR ID	OPERATOR NAME	OPERATION INTERVAL	READING TIME	DOUBLE READ BAN TIME	VOLUME	tone	FREQUENT BEAM
001	TARO YAMADA	1.23sec	0.6sec	0.63sec	5	A	B1
002	SHINICHI SUZUKI	1.00sec	0.45sec	0.55sec	2	D	B3

1400

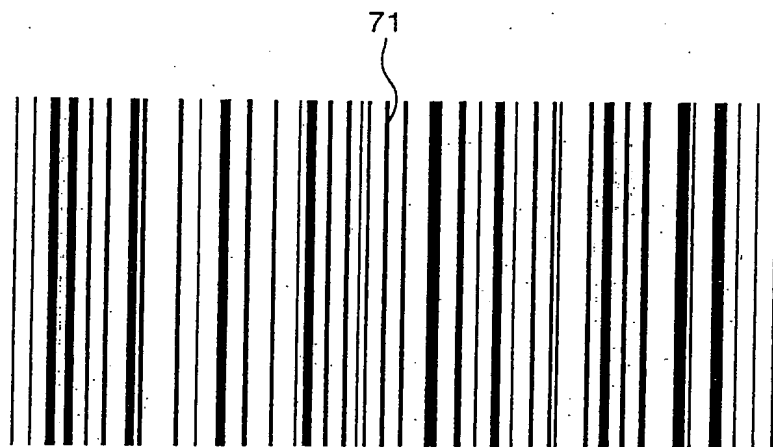
FIG.18



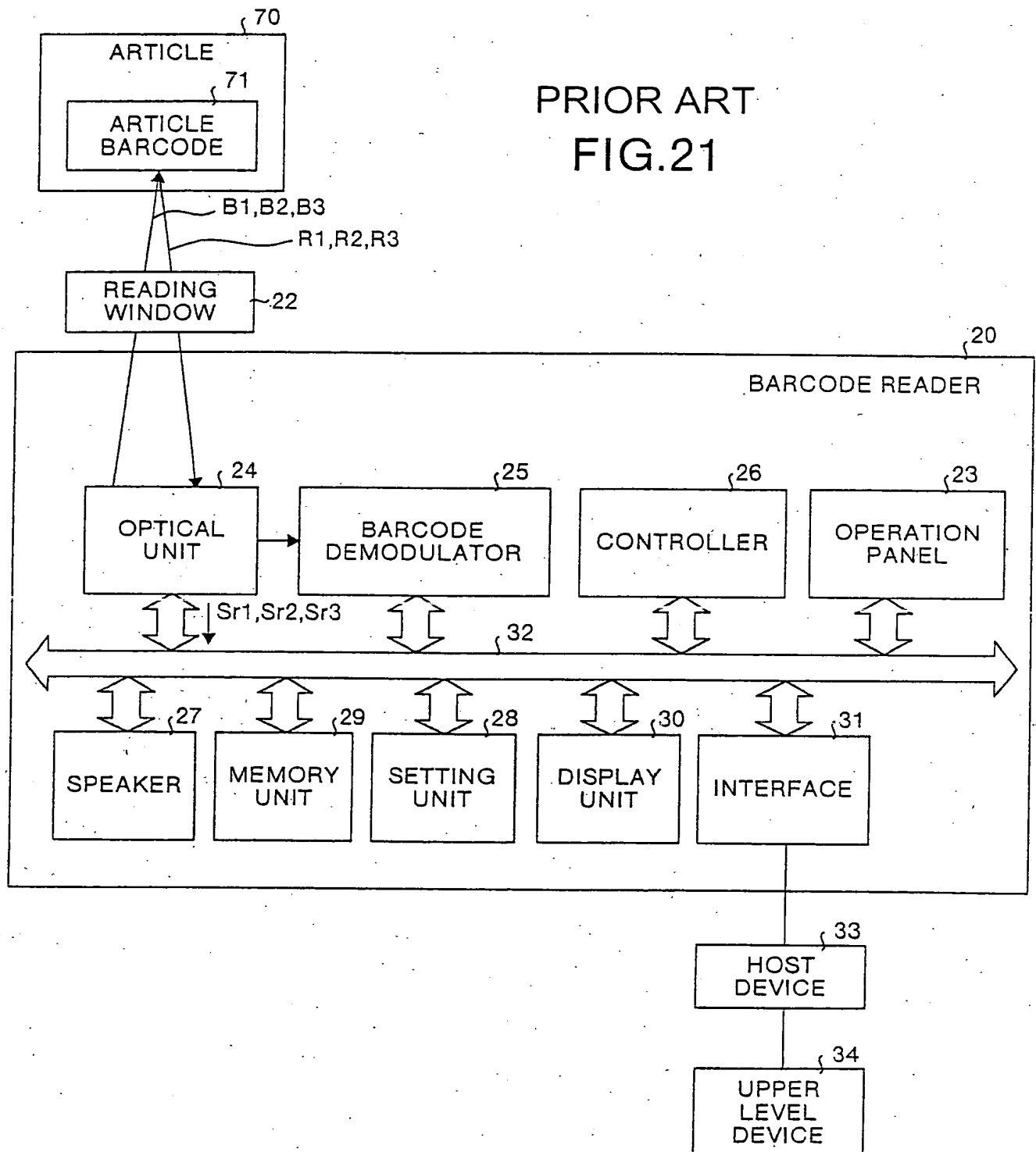
PRIOR ART
FIG.19



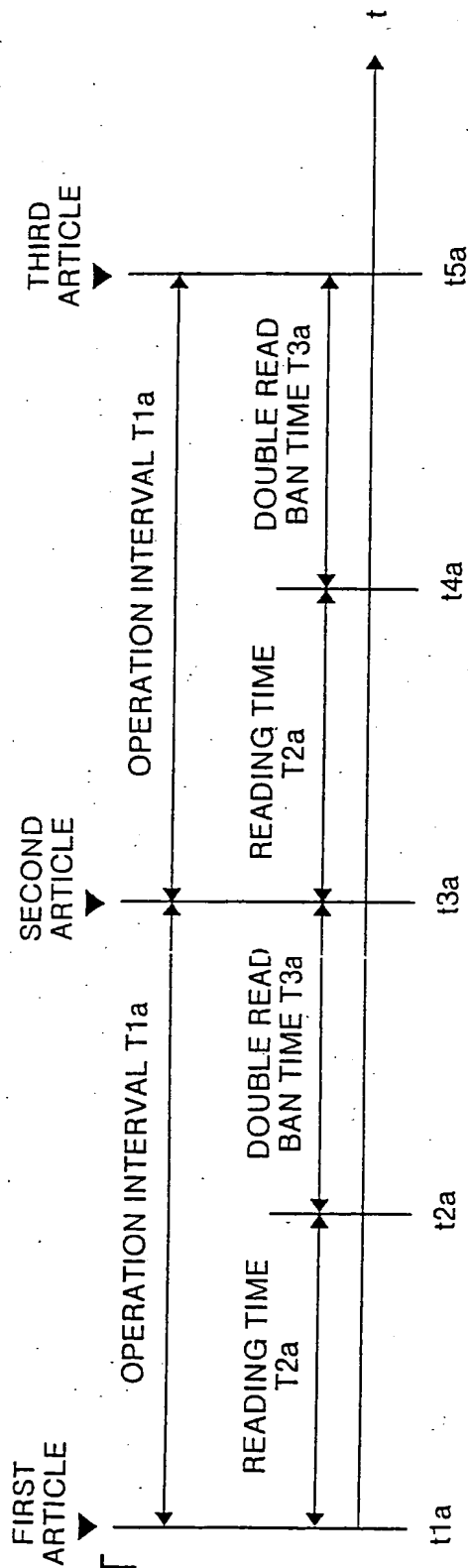
PRIOR ART
FIG.20



PRIOR ART
FIG.21

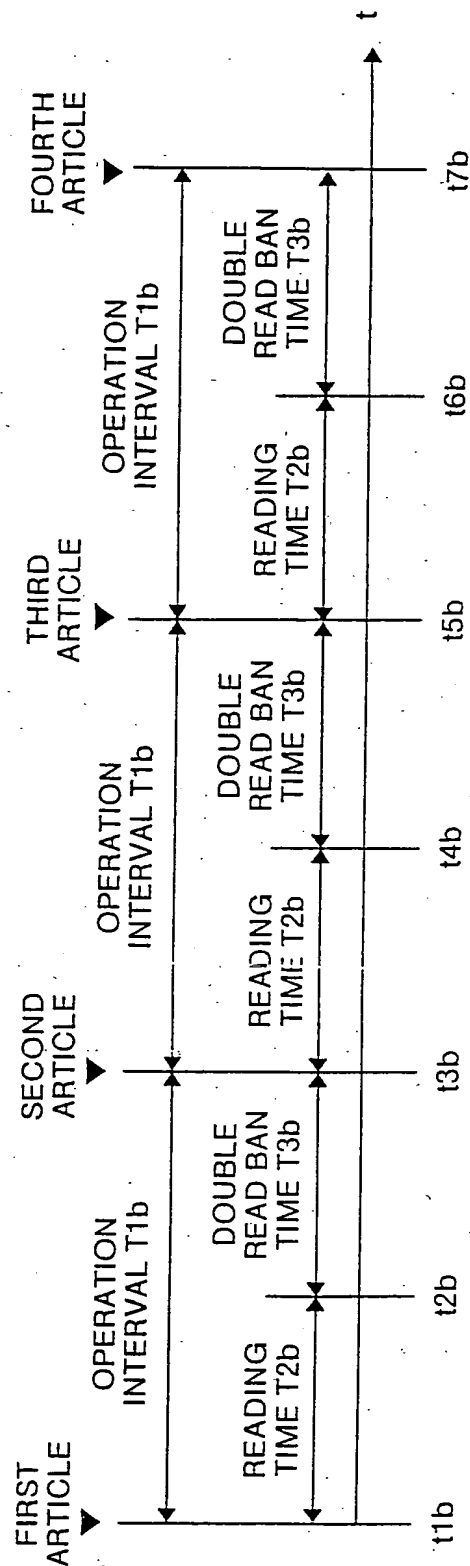


(A CASE OF MR. YAMADA)



PRIOR ART
FIG.22A

(A CASE OF MR. SUZUKI)



PRIOR ART
FIG.22B